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Vector 2X Developer's Kit Instruction Sheet

The Developers Kit should include:

- Development board
- Demo software
- DB25 Cable
- Instruction sheet

Demo Software

There are 2 version of software: V2XDEMO.EXE is for a standard 286 or 486, and V2XPENT.EXE is for a Pentium Computer. Because of a change in the architecture of the parallel port on Pentiums, a standard parallel port card must be used for the Developers Kit to function properly. These cards are available through most PC electronics distributors. The V2XPENT.EXE software is beta version.

Installing Demo Software

1. Copy the program onto your hard drive or execute the program from the disk.
2. When the V2X demo program starts up, **type demo**, this will bring you into the demo program.

Hooking up the Vector 2X

3. Plug the Vector 2X into the developer's board.
4. Leave the switch on the top right hand corner in the off position.

Applying Power

5. Apply power to the developer's board by plugging in a 9 volt battery.
6. Plug the DB25 cable from the developer's board to the parallel port of your PC.
7. Type s, it should return 1665. This will indicate that the developer's board is functioning properly.
8. Now turn the switch to the on position.

Testing the Vector 2X

9. Type s. This should return the compass heading information.
10. Typing c will put the compass in continuous output. S will halt it and give you a single reading.

For technical assistance on the Vector 2X or Developers Kit, please use our BBS: 415-903-1496

Vector 2X Parallel Port Connections

V2X Pins	*DB25 Pins*	*Function*
P1	1	SCLK
P2	13	SDO
P3	17	SDI
P4	14	Slave Select
P5	16	Poll/Cont
P6	6	Cal
P7	7	Resolution
P8	8	Master/Slave
P9	3	BCD/BIN
P10	5	Y Flip
P11	4	X Flip
P12	12	Cal Indicator
P13	10	EOC
P14	2	RAW
P15	NC	+5 Volts
P16	18-25	Ground
P17	NC	Reset